



## NH9 Switch Disconnecter

### 1. General

- 1.1 Suitable for underload operation and equipped with sealable control lever in both positions.
- 1.2 All devices are manufactured in a single module, through simple, quick and safe procedures.
- 1.3 For correct operation, they need an upstream protection by devices against short-circuit and overload (fuses, MCBs).
- 1.4 Detailed certificates information, please refer to Certificates Table on P153.



### 2. Technical features

	Standard		IEC/EN 60947-3	
Electrical features	Rated voltage $U_e$	V	230/400	
	Rated current $I_e$	A	32	
	Rated frequency	Hz	50/60	
	Rated impulse withstand voltage $(1.2/50)U_{imp}$	V	4,000	
	Rated short-time withstand current $I_{cw}$		12 $I_e$ , 1s	
	Rated making and breaking capacity		3 $I_e$ , 1.05 $U_e$ , $\cos\phi=0.65$	
	Rated short circuit making capacity		20 $I_e$ , $t=0.1s$	
	Dielectric test voltage at ind. Freq. for 1min	kV	2.5	
	Insulation voltage $U_i$	V	500	
	Pollution degree		2	
Utilization category		AC-22A		
Mechanical features	Electrical life		1,500	
	Mechanical life		8,500	
	Protection degree		IP20	
	Ambient temperature (with daily average $\leq 35^\circ\text{C}$ )	$^\circ\text{C}$	-5...+40	
	Storage temperature	$^\circ\text{C}$	-25...+70	
Installation	Terminal connection type		Cable	
	Terminal size top/bottom for cable	$\text{mm}^2$	6	
		AWG	18-10	
	Tightening torque	N*m	0.8	
		In-lbs.	7	
Connection		From top and bottom		

### 3. Ordering Information

#### ★ NH9, 1P



Ie (A)	Ue (V)	CTN	Order code	
			Standard	RoHS
32	230	180	153235	983285

#### ★ NH9, 2P



Ie (A)	Ue (V)	CTN	Order code	
			Standard	RoHS
32	400	180	153236	983286

#### ★ NH9, 3P



Ie (A)	Ue (V)	CTN	Order code	
			Standard	RoHS
32	400	180	153237	983287

#### ★ NH9, 4P



Ie (A)	Ue (V)	CTN	Order code	
			Standard	RoHS
32	400	180	153238	983288

### 4. Overall and Mounting Dimensions (mm)

Overall and Mounting Dimensions

